

WAIS Inc

Wide Area Information Servers

Corporate Fact Sheet

MISSION	WAIS, Inc. has three major goals: developing the Internet as a viable means for distributing information electronically; improving the nature and quality of information available over networks; and offering better methods to access that information.
PRODUCTS & MARKETS	WAIS, Inc. provides interactive on-line publishing systems and services to organizations who wish to deliver information over the Internet. The major markets for WAIS, Inc. are business, government, libraries and educational organizations.
BACKGROUND	WAIS, Inc. is a privately-held company established in July, 1992 by Brewster Kahle. Mr. Kahle, president of WAIS, Inc., organized the original WAIS (Wide-Area Information Servers) consortium comprised of Apple Computer, Inc., KPMG Peat Marwick, Dow Jones & Co. and Thinking Machines Corp., his former employer.
TECHNOLOGY	A pioneer in electronic publishing and distribution, WAIS, Inc. is applying Internet-based technologies (e.g. WAIS, Gopher, Mosaic, etc.) to provide interactive on-line services for its customers. The company continues to develop advanced on-line technology to integrate into its products and services.
APPLICATIONS	Organizational memory: Making corporate documents available over networks (e.g. contracts, resumes, phone lists, electronic mail archives). Help Desk: Giving companies a way to stay in touch with customers worldwide by publishing information over networks (e.g. product literature and technical support). Publishing: Helping professional subscription-based publishers (e.g. news services, encyclopedias) as well as transaction-related businesses (e.g. mail order catalogues) publish on the Internet.
FUTURE PLANS	WAIS, Inc. plans to provide organizations that publish over the network a continued stream of next-generation on-line products.

WAIS Inc

Wide Area Information Servers

WAIS Inc. Products

Effective date: September 20, 1994

Contact: info@wais.com

WAIS Server for Unix

WAIS Server is a network publishing system designed to help users find information over a computer network by simply asking questions.

Enhanced search characteristics for greater precision and recall:

- Full-text search takes into account word frequency, density and proximity
- Weighted Boolean search integrates with free text
- Fielded search supports up to 256 fields per database
- Relevance feedback expands search to find related documents
- Choice of two stemming packages (search term "computers" finds "computer")
- Wildcards (search term "comput*" finds "computer", "computing", etc.)
- Customizable stopword lists (words to be ignored when searching, ie: "the", "it", etc.)
- Query Report provides immediate feedback (size of database, total hits, etc.)

Access control for greater security and user authorization

Efficient use of disk space: indexes created by WAIS Server for Unix are small (they range from one-third to one-half the size of the database, without compromising server performance).

WAIS Forwarder for Unix

For organizations with "firewall" machines operating between organizational LANs and the Internet, WAIS Forwarder allows internal client machines to access WAIS resources on external networks while providing a single point of entry for network administrators.

FREE Evaluation for both WAIS Server and WAIS Forwarder (see Price List).

Platforms supported:

Sun 4.1.x, Solaris 2.x
DEC Alpha, DEC Ultrix
IBM RS6000, HP-UX
SCO UNIX, Dell UNIX
DG Aviiion, BSDI 1.1
NeXT, Apple A/UX

WAIS Inc. Price List

Effective date: September 20, 1994

Contact: info@wais.com

	Single Processor	Multiple Processor
Products		
<i>WAIS Server for Unix</i>	\$15,000	\$50,000
Purchase includes software, documentation, custom parser toolkit, and first year Support and Maintenance (see below).		
<i>Additional Servers (same site or campus)</i>	\$7,500	\$17,500
<i>WAIS Server Site License</i>	\$60,000	\$135,000
<i>WAIS Server Enterprise License</i>	\$160,000	\$225,000
<i>WAIS Server WAIS Server Source Code</i>	\$40,000	\$40,000
Source code license allows holders of binary licenses to customize the system to their own environment. A single source code license applies to all server licenses held by a customer organization.		

Support

First year support is included in purchase price. Provides updates, bug fixes, technical support and training information from WAIS Inc.

<i>WAIS Server Support - per year/per server</i>	\$5,000	\$10,000
<i>Site-Level Support - per year/per site</i>	\$20,000	\$22,500
<i>Enterprise-Level Support - per year/per enterprise</i>	\$40,000	\$45,000

Total cost of one WAIS Server with source code = \$55,000, support and maintenance = \$5,000/yr

Total cost of site license with source code = \$100,000, support and maintenance = \$20,000/yr

Services

Evaluation Trial FREE

30-day trial use of WAIS Server or WAIS Forwarder, electronically downloaded from the WAIS Inc. distribution server.

Installation and training \$10,000

On-site start-up support and system administrator training. Total cost of WAIS Server with installation option = \$25,000

Custom Database Integration Ask for quotation

Allows WAIS Server to index and retrieve documents from customer's database management system (recommended for large collections). Custom parser development is also available. WAIS Inc. will provide a free evaluation of a customer's database integration needs, and will recommend an integration strategy.

Alliance Support and Development Program Ask for quotation

WAIS Inc. or its licensed representatives will provide dedicated personnel for on-going administration, support, development and customization of WAIS Inc servers.

Bundling, OEM, and co-development relationships invited. Dealer, value-added reseller and integrator inquiries invited. Multi-processor hosts may be used with a single-cpu license so long as the WAIS processes do not require multiple, dedicated cpu's. Volume discounts are available.

Prices effective September 20, 1994. All prices are subject to change without notice. 5% discount for pre-payment. 60-day money back guarantee for all WAIS Inc. products, less \$5,000 to cover support and services rendered.

Prices valid in the United States and Canada only.

WAISgate

WAIS Inc. has introduced a new World Wide Web to WAIS gateway called WAISgate. This tool allows WAIS server administrators to customize WWW user interface to their WAIS databases. We ask that you visit our home page at <http://www.wais.com> and submit comments on how the software may continue to be enhanced. We ask that you please try:

- * directory of servers <http://www.wais.com/directory-of-servers.html>
- * WWW news group <http://www.wais.com/comp.infosystems.www.html>
- * WAIS news group <http://www.wais.com/comp.infosystems.wais.html>
- * gopher news group <http://www.wais.com/comp.infosystems.gopher.html>
- * West's Legal Directory <http://www.wais.com/Wests-Legal-Directory.html>
- * Other WAIS servers registered in the directory of servers.
 <http://www.wais.com/wais-dbs/>

Please note: WAISgate requires a Web viewer that handles forms (such as Mosaic 2.x). The features of WAISgate are:

- * Ability to access local and remote WAIS databases.
- * Multi-type documents with associated icons for each document format.
- * Table-lookup conversion from WAIS Types to MIME Context Types.
- * Fielded search for commercial WAIS databases.
- * Single-step processing: search of directory-of-servers, to database search, and to document retrieval.

Some examples of the use of WAISgate are:

- 1) Visit **directory of servers**. Enter the search term "Smithsonian" and select the "smithsonian-pictures.src" database. Next, enter the search term: "gor*". (The "*" is an example of using right truncation.) Select either the text, the thumbnail image, or the full image documents for retrieval.
- 2) To try a fielded search, visit: **www news group**, **wais news group**, or **gopher news group**. These are HTML pages for searching the Gopher, WAIS, and WWW newsgroup archives, respectively, using the commercial WAIS server. "Complete Text Search Terms" is where you may enter your WAIS query. If you wish to restrict your search to specific fields within the newsgroup archive, such as "subject" or "from", enter your search terms in the corresponding search box. When you have completed entering in your search terms, use the "Submit Query" box to process the search.

WAIS Inc. would like to express a special thank you to Francois Schiettecatte and the Smithsonian Institute for the use of the Smithsonian Pictures Database, and to Steven E. Brener for the Perl Library routines. Thanks to the NCSA for the public domain HTTP daemon and the associated icons. This will run as a free service on the Web. Please send comments to waisgate@wais.com

WAIS Inc.

Wide Area Information Servers™

Publishing Systems and Services

Wide Area Information Servers, Inc
Spring, 1994

Spring '94

Internet Applications

- Games
- EDI
- Shopping and Commerce
- Raw transport (X.25 replacement)
- Publishing

Network Publishing Benefits vs. CD ROM

- **Continuous updates**
- **No 600 meg size limits**
- **Interact with other distributed services**
- **No pre-consumption cost of printing and distributing**
- **Publisher keeps usage statistics**

Network Publishing Benefits vs. Traditional Online Services

- **One service has access to multiple markets**
 - AOL, Delphi Internet gateways
 - LAN distribution
 - Cable systems
 - International markets
- **Publisher sets their own terms**
- **Publisher gets greater % of revenue**

WAIS Inc: Network Publishing

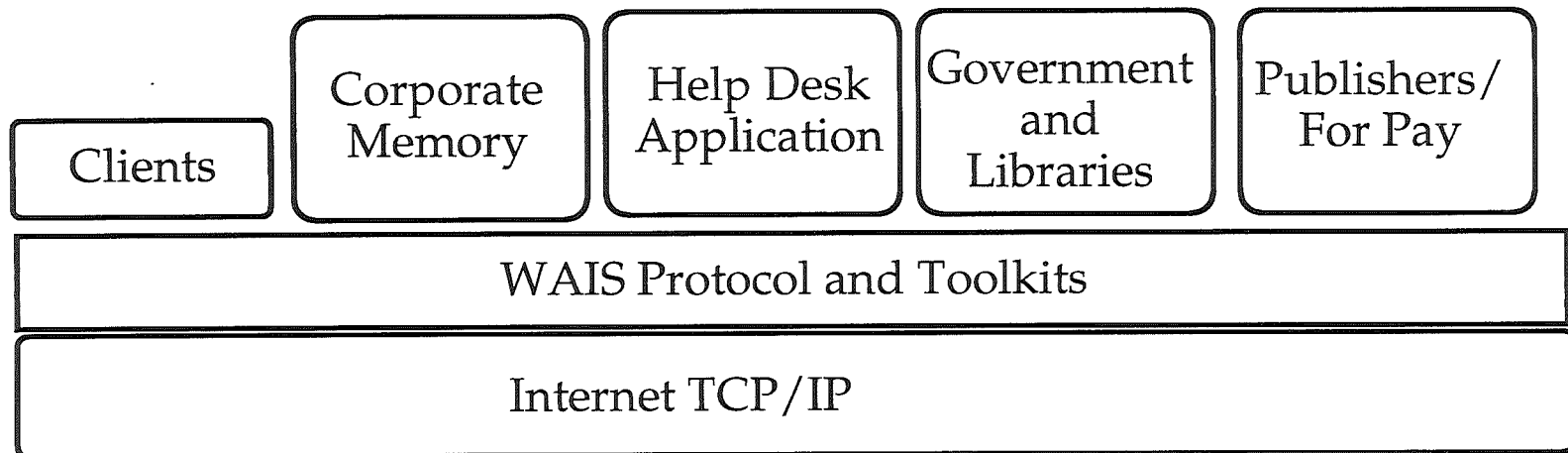
- **Founded June 1992 from 1990 Consortium of Apple / Thinking Machines / DowJones / KPMG**
- **Technology: 2 Founders from Supercomputing**
- **Internet: Experience in Building an Internet System**
- **Publishing: 2 Founders from Publishing**

WAIS Inc Customers and Partners

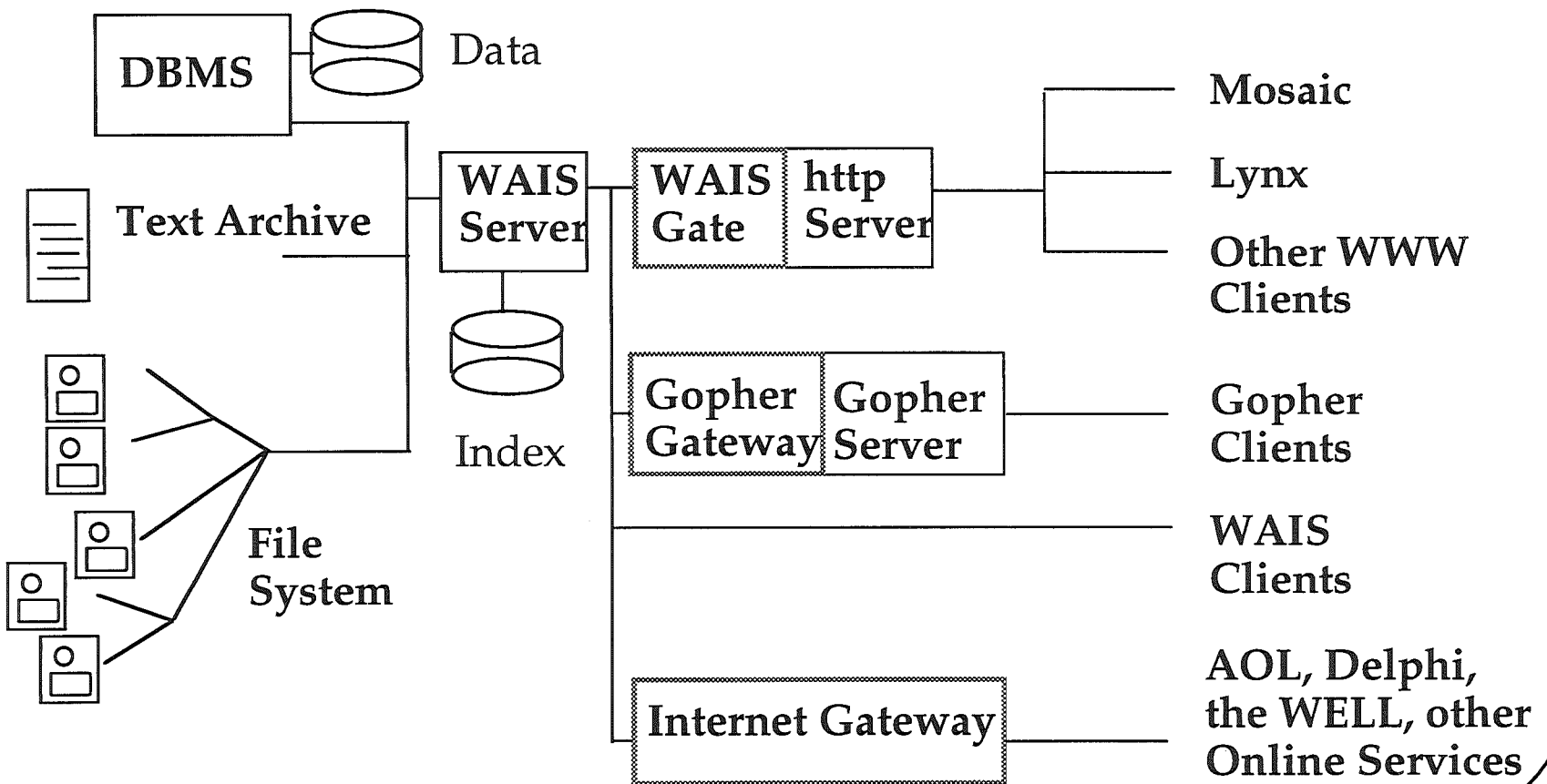
- **Large Corporations**
 - Fujitsu, Intel
 - Perot Systems, Mitre
- **Publishers**
 - Dow Jones, Encyclopedia Britannica, Scholastic Inc, WestLAW
 - Sun Microsystems, Novell
- **Government**
 - NASA, Defense, Intelligence, GPO
- **Libraries**
 - Library of Congress, Rice University

WAIS Inc. Position

- **WAIS Inc. Brings:**
 - Application Protocols
 - Database Server Technology
 - Wide Area Network Expertise
- **Work with Industry Partners**

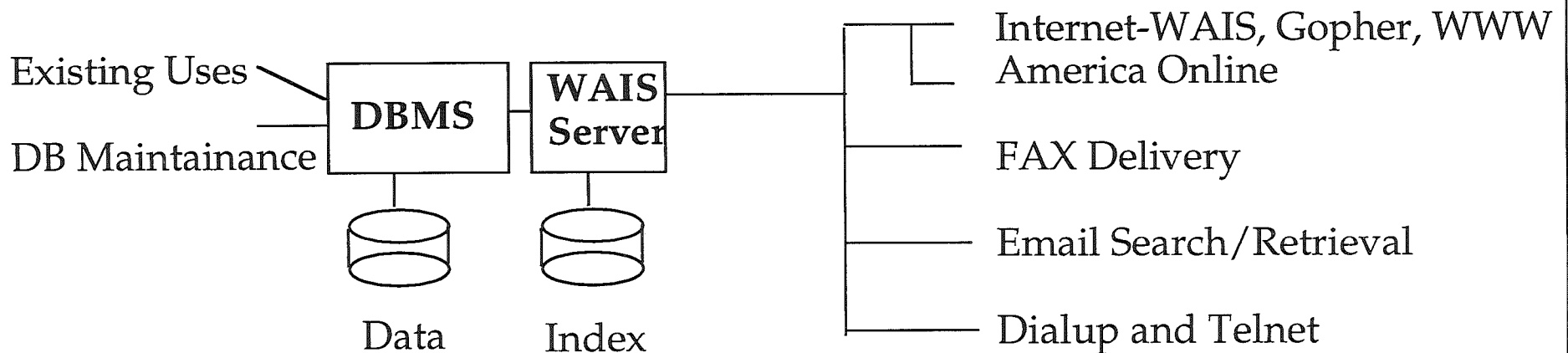


Where the WAIS Server Fits



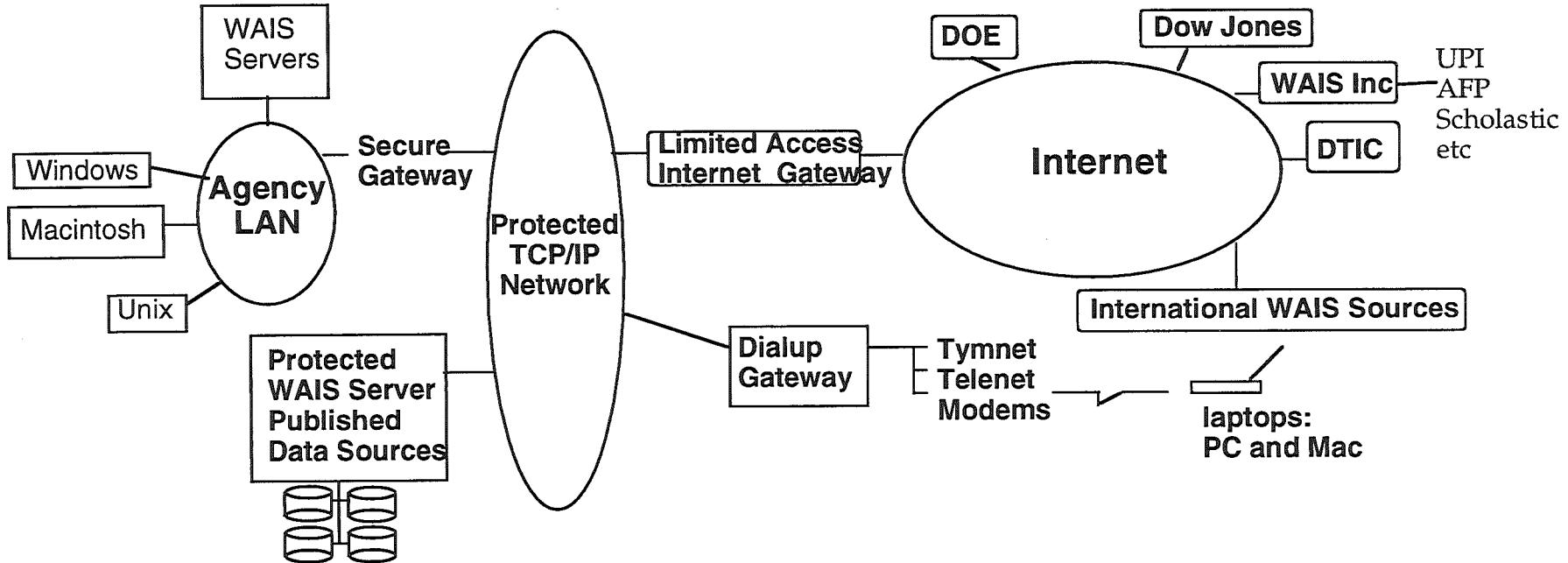
Some WAIS Systems

Defense Technical Information Center WAIS System

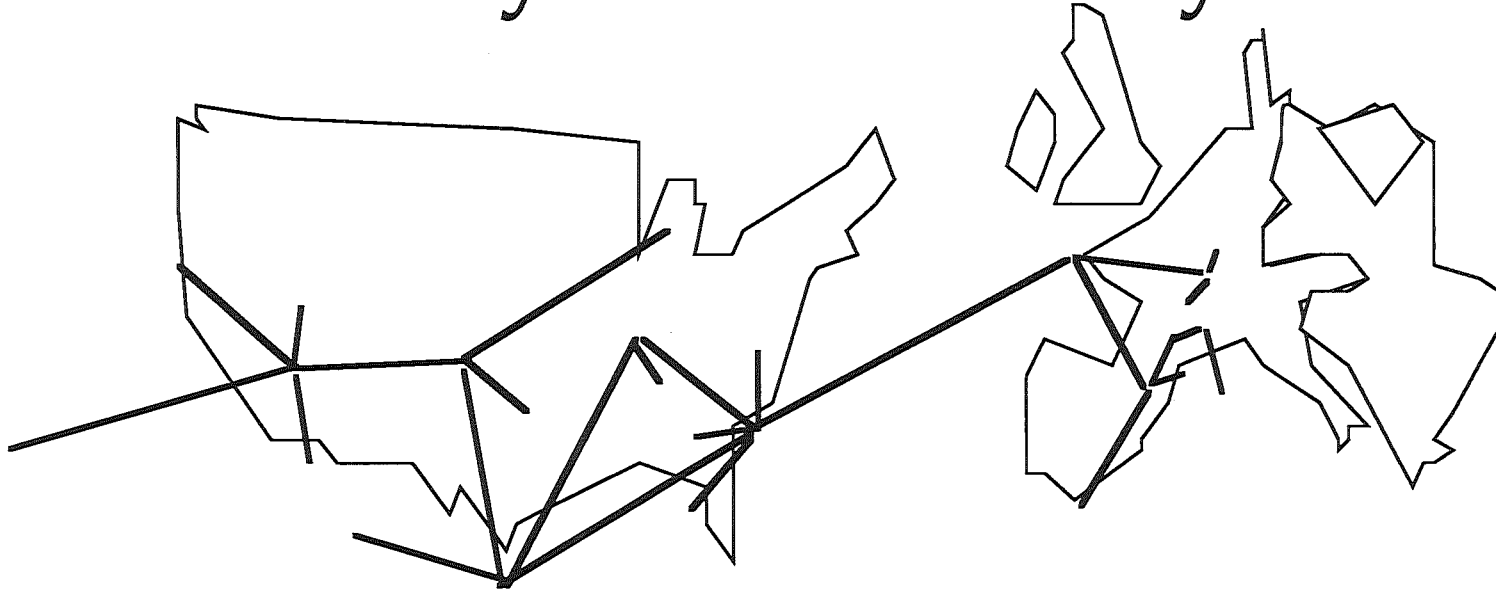


- **Project Just Starting (due within 1 year)**
- **Increased access to Databases and Documents**

US Intelligence Agencies Open Source WAIS System



Perot Systems WAIS System



- **Corporate Information**
 - Resumes, Company Policies, Presentations, Contracts, Proposals, Phone book
- **Published Info**
 - CDROM's, Internet resources

How to contact WAIS Inc.

- Mosaic access: <http://www.wais.com>
- anonymous ftp access: <ftp.wais.com>
- Email for information: info@wais.com
- Phone: (415) 617-0444

WAIS Bibliography

4/26/94

Hard copies of most of the following documents are available. Some documents are available electronically, as indicated. For hard copies, Email, fax, mail or phone your name, address, email and phone number to:
WAIS Inc, 1040 Noel Drive, Menlo Park, CA, 94025
phone: 415-617-0444, fax: 415-327-6513, email: info@wais.com

WAIS Inc. Documents

WAIS Server and WAIS Workstation Technical Description, Release 1.1, July, 1993.
Available via anonymous ftp:
/pub/wais-inc-doc/tech-description-1.1.*@ftp.wais.com

WAIS Inc. Releases New Network Publishing Software, April 29, 1993, Press Release announcing WAIS Inc. and its products. Available via anonymous ftp:
/pub/wais-inc-doc/WAIS-Announce.*@ftp.wais.com

WAIS Inc. Price List, April 1994. Available via anonymous ftp:
/pub/wais-inc-doc/Price-List.*@ftp.wais.com

WAIS Inc. & SUN Microsystems to market WAIS technology, April 29, 1993, Press release announcing partnership with SUN Microsystems. Available via anonymous ftp: /pub/wais-inc-doc/SUN-Release.*@ftp.wais.com

WAIS Inc. Question and Answer, March 1993. Available via anonymous ftp:
/pub/wais-inc-doc/WAIS-QnA.*@ftp.wais.com

WAIS Inc. Company Story, March 1993. Available via anonymous ftp:
/pub/wais-inc-doc/Company-Story.*@ftp.wais.com

Interfaces for Distributed Systems of Information Servers, Brewster Kahle, Harry Morris, Jonathan Goldman (Thinking Machines Corporation), Thomas Erickson (Apple Computer), John Curran (NSF Network Service Center), March, 1992. (formally named "Interfaces for Wide Area Information Servers")
Available via anonymous ftp:
/pub/wais-inc-doc/Interfaces.*@ftp.wais.com
or WAIS server wais-discussion-archives.src

An Executive Information System for Unstructured Files: Wide Area Information Servers, Brewster Kahle, Harry Morris, Franklin Davis, Kevin Teine, Clare Hart, Robin Palmer. November, 1991. Description of the Peat Marwick experiment, similar to the paper in Online below.
Also in *Electronic Networking*, a Meckler publication, Spring 1992, pp.59-68.

An Information System for Corporate Users: Wide Area Information Servers, Brewster Kahle, April, 1991. Thinking Machines technical report TMC-199. Also in ONLINE Magazine August 1991. Report on the system constructed for Peat Marwick and other corporate users. Has screen shots of WAISStation. Available via anonymous ftp:
/pub/wais-inc-doc/WAIS-Corp.*@ftp.wais.com
or via WAIS server: wais-docs.src

WAIS Bibliography, WAIS Inc, April, 1994. (This list). Available via anonymous ftp:
/pub/wais-inc-doc/Bibliography.*@ftp.wais.com or
WAIS server: wais-discussion-archive.src

Wide Area Information Servers Concepts, Brewster Kahle, November, 1989. Early draft of paper outlining how a Wide Area Information System could grow. Available via anonymous ftp:
/pub/wais-inc-doc/WAIS-Concepts.*@ftp.wais.com
WAIS server: wais-docs.src

Brief Description of WAIS Sources, Chris Christoff, November 1992. A brief description of the content of many WAIS sources on the Internet, grouped into relevant categories. Available via anonymous ftp:
/pub/wais-inc-doc/Source-List-Cat.*@ftp.wais.com
WAIS server: wais-discussion-archive.src

WAISFlash, July 1993. A WAIS-related newsletter. Available via anonymous ftp:
/pub/wais-inc-doc/WAISFlash-7-93.*@ftp.wais.com

WAIS articles & publications

A New Power in Publishing. New York Times, Laurie Flynn, April 24, 1994.

WAIS - A New Vision for Publishing. MicroTimes, Michael Robin, March 21, 1994.

The Internet and Your Business. Fortune, Rick Tetzeli, March 7, 1994, pp86-96.

Stagecoach Days on the Infohighway. Forbes ASAP, Michael Rothschild, pp25&26.

Britannica's 44 Million Words are Going On-Line. New York Times, John Markoff, February 7, 1994.

Curtain's Rising on a Third Generation of On-Line Services, New York Times, John Markoff, January 30, 1994.

Pointing finger, WAIS at Internet addresses, MacWEEK, Jeff Ubois, May 28, 1993, pp42&44.

WAIS Offers Publishing Products, Open Systems Today, Paul Kapustka, May 10, 1993, pp13.

WAIS: A New Development in Information Services, MIT I/S Newsletter, T. MacRae and S. Jones, June, 1992. Overview of WAIS by the Network Services and Publication Services at MIT.

Available via anonymous ftp:
/pub/wais-doc/MIT.IS.news@ftp.wais.com

WAIS: Wide Area Information Servers, Information Intelligence Inc., George S. Machovec, March 1992, pp1-5. Overview of WAIS from a librarian perspective. Available via anonymous ftp: /pub/wais-doc/lib.perspective@ftp.wais.com

WAIS - Making it Easier to Access Internet Resources, Merit/NSFNET Link Letter newsletter, Brewster Kahle, March/April 1992. Overview of WAIS. (reprinted from CERFnet News, Volume 3 Number 6)

Available via anonymous ftp:
/pub/wais-doc/linkletter@ftp.wais.com

WAIS: Is It the Lotus 1-2-3 of the Internet?, Communications Week, Carl Malamud, March 16, 1992, pp17. Brief article of WAIS on the Internet.

Where There's a Will, There's a WAIS, Digital Media - A Seybold Report, Denise Caruso, February 17, 1992, pp5-6. Article touching on several issues of wais, such as protocol, client/server relationship, for pay servers, and legal issues.

The Reading Room, Digital Media - A Seybold Report, Brewster Kahle, February 17, 1992, pp7-8. Essay on the controversy between private ownership of information and public access to information.

The Promise of the WAIS Protocol, UNIX Today!, Jason Levitt, December 9, 1991, pp44, 47-48. Article describing the freeware release.

The Global Village Starts with WAIS, Tomaso Poggio, December 1991, Overview of WAIS in Italian.

Network to Unite Data Bases, San Jose Mercury News, John Markoff, July 21, 1991, pp1F. Rewriting of the For the PC User, Vast Libraries, New York Times article with emphasis on Apple component.

For Shakespeare, Just Log On, New York Times, John Markoff, July 3, 1991, ppC1. Overview of WAIS Internet experiment.

Browsing Through Terabytes, Byte Magazine, Richard Stein, May 1991, pp157-164. Readable article on what a large WAIS system looks like.

WAIS Promises Easy Text Retrieval, MacWEEK, Henry Norr, May14, 1991, pg22. Report on the Peat Marwick WAIS system.

Release 1.0, Release 1.0, Esther Dyson, April 1991, entire issue. In-depth article on commercial systems and protocols, featuring WAIS. (Hardcopy copies available from: EDventure Holdings, 375 Park Ave., New York, NY 10152; (212) 758-3434)

Anonymous FTP:
/pub/wais-doc/release1.0@ftp.wais.com
WAIS server: wais-discussion-archives.src

Unix servers distribute on-line information, Info World, Cheryl Gerber, May 3, 1993, pp6.

Info Access Plan Promises Power to Fed Users, Federal Computer Week, Jennifer Jones, March 29, 1993, pp1&41.

A Web of Networks, an Abundance of Services, New York Times, John Markoff February 28, 1993.

Good-bye, Dewey Decimals, Forbes Magazine, David Churbuck, February 15, 1993, pp204-205.

Internet Retrieval Tools Go on Market, Network World, Ellen Messmer, February 15, 1993, pp29 & 77.

Federal Information on the Internet, Anna Keller, Library of Congress, February, 1993.

Internet of the Future may be a One-Stop Information Shop, MacWEEK, Margie Wylie, January 25, 1993, pp22&24.

Index Everything, Share It Companywide with WAIS, MacWEEK, Daniel P. Dern, October 26, 1992, pp24-25.

Help is on the WAIS, American Libraries, M. Lukanuski, October 1992, pp742-744. Feature article with some pros and cons of the WAIS protocol from the library community point of view.

Information - the Commodity of the Future, Merit/NSFNET Link Letter Newsletter, Merit/NSFNET Information Services, September/October 1992. Follow-up to above article, explaining how Merit/NSFNET is utilizing the different information services available.

Available via anonymous ftp:
/pub/wais-doc/linkletter2@ftp.wais.com

Identifying and Describing Federal Information Inventory/Locator Systems: Design for Networked-Based Locators, Charles R. McClure, Joe Ryan, and William E. Moen, School of Information Studies, Syracuse University, August 25, 1992, volume 1.

A Comparison of Internet Resource Discovery Approaches, M. Schwartz, A. Emtage, B. Kahle, B.C. Neuman, August 1992. Paper to appear in Computing Systems 5(4), 1992. In-Depth overview and comparison of current Internet information systems. Postscript copy available via anonymous ftp:
/pub/wais-doc/resource.compar@ftp.wais.com

WAIS: The Wide Area Information Server or Anonymous What???, Peter Marshall, June 18, 1992. Describes and details the implementation of WAIS at the University of Western Ontario. Available via anonymous ftp:
/pub/wais-doc/UWO-wais-paper.ps@ftp.wais.com

Personal Computing: Collective Dynabases, Communications of the ACM, Larry Press, June 1992, pp26-32. Overview of WAIS and commercial projects.

Z3950iw: Z39.50 Implementors list for low level discussions of protocol details.
Requests to LISTSERV@NERVM.NERDC.UFL.EDU

Freeware Servers:

NeXT: /pub/freeware/next/*@ftp.wais.com
RS6000: /pub/freeware/rs6000/*@ftp.wais.com
SGI: /pub/freeware/sgi/*@ftp.wais.com
Source Code: /pub/freeware/unix-src/wais-8-
*.tar.Z@ftp.wais.com
SUN: /pub/freeware/sun/*@ftp.wais.com

Freeware Clients: Most of the clients listed below are available via
anonymous ftp from /pub/wais at sunsite.unc.edu as well as
the addresses listed.

Mac: by Harry Morris, WAIS Inc.
/pub/freeware/mac/wais-for-mac*@ftp.wais.com
by Francois Schiettecatte
/pub/freeware/mac/WAISBrowser*@ftp.wais.com
by MCC
/pub/freeware/mac/macwais*@ftp.wais.com

HyperWAIS:
by Francois Schiettecatte, John Hopkins University
/pub/freeware/HyperWAIS/*@ftp.wais.com

DOS: by Jim Fullton, University of North Carolina
/pub/freeware/dos/*@ftp.wais.com
/pub/tcpip/pcwais.zip@hilbert.wharton.upenn.edu

GWAIS: by Jonathan Goldman, TMC (Gnu Emacs)
/pub/freeware/unix-src/wais-8-*.tar.Z@ftp.wais.com

IBM Mainframe: by Tim Gauslin, USGS
/pub/freeware/ibm-mvs/*@ftp.wais.com

NeXT: by Paul Burchard, University of Utah
/pub/freeware/next/*@ftp.wais.com

Openlook: by Simon Spero, University of North Carolina
/pub/freeware/open-look/*@ftp.wais.com

OS2: by Kevin Oliveau of WAIS Inc., Julie Mills and the
Library of Congress
/pub/freeware/os2/*@ftp.wais.com

SunView: /pub/wais/sunview/*@sunsite.unc.edu

SWAIS: by John Curran, BBN
/pub/freeware/unix-src/wais-8-*.tar.Z@ftp.wais.com

VMS: by Jim Fullton, University of North Carolina
/pub/wais/vms/*@sunsite.unc.edu

WINDOWS: by Tim Gauslin, USGS
/pub/freeware/windows/wnwais*.zip@ftp.wais.com
by MCC
/pub/freeware/windows/EIWAIS*.zip@ftp.wais.com
by Kevin Gamiel, MCNC CNIDR
/pub/NIDR.tools/wais/pc/windows@ftp.cnidr.org

XWAIS: by Jonathan Goldman, Thinking Machines Corporation
/pub/freeware/unix-src/wais-8-*.tar.Z@ftp.wais.com

Email: by Jonathan Goldman, Thinking Machines Corporation
send message to waismail@quake.think.com,
"search <source-name> {keywords}" or
"retrieve DOCID" (DOCID as returned by a search)

Telnet access: telnet quake.think.com login wais,
(uses SWAIS) password user@host

WAIS Videos

Special Interest Group on Wide Area Information Servers: Conference held March 19, 1993, Open-File Report 93-252, United States Geological Survey video on WAIS, VHS videotape \$20. Send orders to Book and Open-File Report Sales, USGS, Federal Center, Box 25286, MS 306, Denver, Colorado, 80225.

Wide Area Information Servers Class: Indexer and Server, Open-File Report 93-253, United States Geological Survey video on WAIS, VHS videotape 2-tape set \$40. Send orders to Book and Open-File Report Sales, USGS, Federal Center, Box 25286, MS 306, Denver, Colorado, 80225.

Macintosh demonstration screen-movie: Steve Cisler put together a short screen-recorder movie for seeing some of what WAISStation does.

Available via anonymous FTP:

/pub/wais-doc/WAISStation-Canned-Demo.sit.hqx@ftp.wais.com

Internet Information

The Netplex - It's a New Silicon Valley. Fortune, Thomas Stewart, March 7, 1994, pp98-104.

Doing Business on the Internet. Mary Cronin, Van Nostrand Reinhold, 1994.

Internet Starter Kit for Macintosh, Adam C. Engst, Hayden Books, 1993. Contains freeware/shareware disk of Internet utilities for Macintosh users.

The Mac Internet Tour Guide: Cruising the Internet the Easy Way, Michael Fraase, Ventana Press, 1993.

The Whole Internet: User's Guide & Catalog, Ed Krol, O'Reilly & Associates, Inc, 1992. (Chapter 12 entitled Searching indexed databases: WAIS)

Exploring the Internet: A Technical Travelogue, Carl Malamud, Prentice Hall, 1992.

Internet access providers in the United States, The general types of services they provide, and how to contact them. From Chapter 4 of the book, *Internet: Getting Started*. For more information about Internet : Getting Started, contact SRI International at 415-859-3695, nisc@nisc.sri.com.

Internet access providers outside the United States. From Chapter 7 of the book, *Internet: Getting Started*. For more information about Internet : Getting Started, contact SRI International at 415-859-3695, nisc@nisc.sri.com.

Public Dialup Internet Access List (PDIAL), February 1993. A list of public access service providers offering dialup access to outgoing Internet connections such as FTP and telnet. Available by sending email to info-deli-server@netcom.com, with the message subject send PDIAL.

Other services that can gateway to WAIS services:

Gopher

by the University of Minnesota

Via anonymous ftp:

/pub/gopher@boombox.micro.umn.edu

World Wide Web

by Tim Berners-Lee

Via anonymous ftp:

/pub/www/src@info.cern.ch

Freeware Information

Due to limited staff resources, WAIS Inc. cannot provide support for the freeware WAIS clients. For information on WAIS freeware write to freewais@cnidr.org, or call George Brett at 919-962-1000. For information regarding the Clearinghouse of Networked Information Discovery and Retrieval (CNIDR), contact Jane Smith at jane.smith@cnidr.org or 919-248-9213.

Designing a Desktop Information System: Observations and Issues, Thomas Erickson & Gitta Salomon, Apple Computer. Human Factors in Computing Systems, CHI '91 Conference Proceedings (pp49-54) April 1991, New Orleans. New York: ACM, 1991. Early paper on the Apple interface for WAIS.

An Analysis of the Effects of Data Corruption on Text Retrieval Performance, S. Smith, C. Stanfill, December 1988. Thinking Machines Corporation technical report TMC-68.

Z39.50 & WAIS Protocol

Z39.50-1988: Information Retrieval Service Definition and Protocol Specification for Library Applications. National Information Standards Organization (Z39), P.O. Box 1056, Bethesda, MD 20817. (301) 975-2814. Available from Document Center, Belmont, CA. Telephone 415-591-7600.

Z39.50-1992 Version 2 Final Text, July 1992. Working copy of the latest Z39.50 implementors group. National Information Standards Organization (Z39), P.O. Box 1056, Bethesda, MD 20817. (301) 975-2814. Available from Transitions, 908-932-2280.

Z39.50-1991 Version 2, May 1991. Electronic version of the working copy of the Z39.50 implementors group. Anonymous FTP:
/pub/protocol/z3950-v2d3.txt@ftp.wais.com
WAIS server: wais-docs.

Z39.50-1992 Version 3, Draft 7, June 1993. Electronic version of the working copy of the Z39.50 implementors group. Anonymous FTP:
/pub/protocol/z3950-v3d7.txt@ftp.wais.com.

The Z39.50 Information Retrieval Protocol: An Overview and Status Report, Clifford Lynch, Computer Communication Review ACM SIGCOMM Introduction to the protocol of WAIS.

The Z39.50 Protocol in Plain English, Clifford Lynch. Fall 1992. Available via anonymous ftp:
/pub/protocol/plain.english@ftp.wais.com

Electronic Services

wais-discussion@think.com: Bi-weekly digest of mail from users and developers on Electronic Publishing (includes all wais-interest postings). Requests to wais-discussion-request@think.com. Anonymous FTP access to archives:
/pub/mail-archives/wais-discussion/issue-*@wais.com

wais-talk@think.com: interactive list of developers. A couple notes a day. Requests to wais-talk-request@think.com. Archives are available on WAIS server wais-talk-archives.src

comp.infosystems.wais: a netnews discussion group on WAIS issues. All postings to wais-discussion@Think.COM go to that group as well.